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Derwent Title: Refrigerator with fan driven internal air circulation facility, employs narrow-width rectangular section ducting routed along rear side of storage space, and meters air through slots aligned with each chamber

Original Title: ☒ JP2003240407A2: REFRIGERATOR

Assignee: TOSHIBA KK Standard company
Other publications from [TOSHIBA KK \(TOKE\)](#)...

Inventor: None

Accession/ Update: 2003-642011 / 200361

IPC Code: F25D 17/06 ; F25D 17/08 ;

Derwent Classes: QZ5; X2Z;

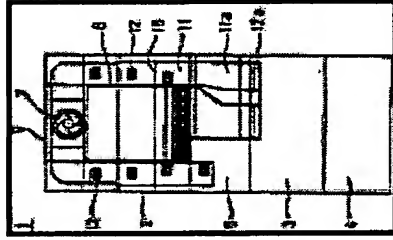
Manual Codes: X27-F02A(Refrigeration)

Derwent Abstract:

(JP2003240407A) Novelty - Narrow-width rectangular cross-section inverted U-shaped ducting (11) is routed along the rear side of the interior and draws air inside through the cooling fan (7), across the cooler module (6). The air release outlets (12) are aligned with each of the storage chambers e.g. trays (15). The top horizontal segments of the ducting (9) have similar outlets.

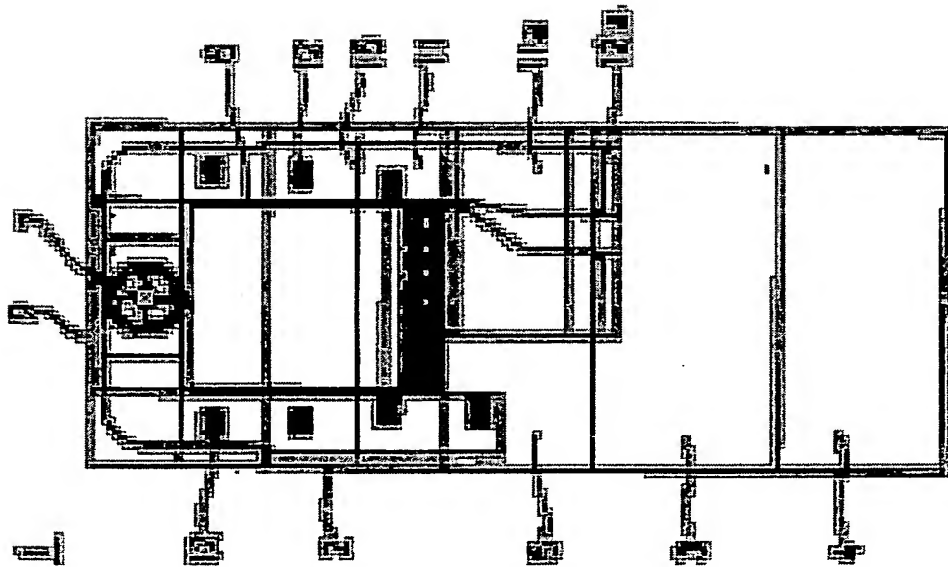
Use - E.g. large size refrigerator with multitier storage chambers with fan driven internal air circulation facility.

Advantage - It serves to equalize the temperatures prevalent along the vertical direction of the stacked chambers through smoother air circulation pattern using structurally simple layout.



Images:

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Description of Drawing(s) - The figure shows the front elevational view of the refrigerator.
refrigeration chamber 2, vegetables chamber 3, freezer compartment 4, cooler module 6, cooling fan 7, top segment of duct 9, air circulating duct 11, air release outlets
12, trays 15 Dwg.1/9

Family:


PDF Patent Pub. Date Derwent Update Pages Language IPC Code

☒ JP2003240407A * 2003-08-27 200361 6 English F25D 17/06

Local apps.: JP2002000034595 Filed:2002-02-12 (2002JP-0034595)

Priority Number:

Application Number	Filed	Original Title
JP2002000034595	2002-02-12	REFRIGERATOR

 Title Terms:

REFRIGERATE FAN DRIVE INTERNAL AIR CIRCULATE FACILITY EMPLOY NARROW WIDTH RECTANGLE SECTION DUCT ROUTE REAR SIDE STORAGE SPACE METER AIR THROUGH SLOT ALIGN CHAMBER

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